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PTO/SB/01 (12-97)
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration
Submitted with Initial
Filing OR ☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 59.0027

First Named Inventor Bombay et al.

COMPLETE IF KNOWN

Application Number To be assigned

Filing Date June 7, 2000

Group Art Unit To be assigned

Examiner Name To be assigned

As a below named inventor, I hereby declare

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR TRANSMISSION OF DATA ON MULTIPLE PROPAGATION
MODES WITH FAR-END CROSS-TALK CANCELLATION**

the specification of which (Title of the Invention)

☒ is attached hereto
OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number To be assigned and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
None			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
None		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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DECLARATION—Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U. S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
None		

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:

☐ Customer Number or
Bar Code Label


OR ☒ Correspondence address below

Name	Pehr B. Jansson				
Address	Schlumberger Austin Technology Center				
Address	Intellectual Property Law Department, 8311 North FM 620				
City	Austin	State	TX	ZIP	78726
Country	US	Telephone	512-331-3748	Fax	512-331-3060

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname					
Bart J.		Bombay					
Inventor's Signature				Date	6/6/00		
Residence: City	Austin	State	TX	Country	USA	Citizenship	US
Post Office Address	6408 Forest Hills Drive						
Post Office Address							
City	Austin	State	TX	ZIP	78746	Country	USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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+

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
Lloyd D.				Clark, Jr.				
Inventor's Signature		Lloyd D. Clark, Jr.			Date		6/6/00	
Residence: City		Austin	State	TX	Country	USA	Citizenship	US
Post Office Address		1416 Shenandoah Drive						
Post Office Address								
City		Austin	State	TX	ZIP	78613-5227	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Date			
Residence: City			State		Country		Citizenship	
Post Office Address								
Post Office Address								
City			State		ZIP		Country	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Date			
Residence: City			State		Country		Citizenship	
Post Office Address								
Post Office Address								
City			State		ZIP		Country	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bart J. Bombay
Lloyd D. Clark, Jr.

Serial No.: To be assigned

Filed: June 7, 2000

For: METHOD AND APPARATUS FOR TRANSMISSION OF DATA ON MULTIPLE PROPAGATION MODES WITH FAR-END CROSS-TALK CANCELLATION

Group Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 59.0027

ELECTION UNDER 37 C.F.R. § 3.71 AND § 3.73
AND POWER OF ATTORNEY

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an Assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints

Pehr B. Jansson, Reg. No. 35,759,
John H. Bouchard, Reg. No. 29,286, and
John J. Ryberg, Reg. No. 31,134,
each an attorney of Schlumberger

as its attorneys with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the Assignment to Schlumberger Technology Corporation, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Pehr B. Jansson
SCHLUMBERGER AUSTIN TECHNOLOGY CENTER
Intellectual Property Law Department
8311 North FM 620
Austin, TX 78726

Telephone (512) 331-3748
Facsimile (512) 331-3060

Assignee:

SCHLUMBERGER TECHNOLOGY CORPORATION
8311 North FM 620
Austin, Texas 78726

ASSIGNEE: Schlumberger Technology Corporation.

By: 
Name: Pehr B. Jansson

Date: June 7, 2000

Title: Attorney-in-Fact, Schlumberger Technology Corporation.

ASSIGNMENT:

☒ Enclosed for recording

☐ Previously recorded

Date: _____

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Date of Deposit June 7, 2000
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Signature Mary L. Thompson

Typed or printed name of person signing this certificate

MARY L. Thompson